

## HAMILTON, BROOK, SMITH &amp; REYNOLDS, P.C.

UTILITY  
PATENT APPLICATION  
TRANSMITTAL(Only for new nonprovisional applications under  
37 C.F.R. 1.53(d))

Attorney Docket No. 2313.2001-01

First Named Inventor or Application Identifier Chris L. Jones

Express Mail Label No. EL552573780US

TO/61/10

Title of Invention

METHODS OF AND APPARATUS FOR SEPARATING AND DETECTING NUCLEIC ACID

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

Assistant Commissioner for Patent  
Box Patent Application  
Washington, D.C. 20231JCE 25 U.S. PTO  
09/766880  
07/101.  Fee Transmittal Form  
*(Submit an original, and a duplicate for fee processing)*6.  Microfiche Computer Program (Appendix)2.  Specification **[Total Pages 65]**  
*(preferred arrangement set forth below)*7.  Nucleotide and or Amino Acid Sequence Submission  
*(if applicable, all necessary)*

- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to microfiche Appendix
- Background of the Invention
- Summary of the Invention
- Brief Description of the Drawings
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

- a.  Computer Readable Copy
- b.  Paper Copy (identical to computer copy)  
**[ ] Pages**
- c.  Statement verifying identity of above copies

3.  Drawing(s) (35 U.S.C. 113) **[Total Sheets 27]**  
 Formal  Informal  
 Fig. of the Drawings for Publication **[2]**

## ACCOMPANYING APPLICATION PARTS

8.  Assignment Papers (cover sheet & documents)  
 Assignee -Mosaic Technologies  
303 Bear Hill Road, Waltham, MA 02451-10164.  Oath or Declaration POA **[Total Pages 1]**9.  37 C.F.R. 3.73(b) Statement  Power of Attorney  
*(when there is an assignee)*

- a.  Newly executed (original or copy)
- b.  Copy from a prior application (37 C.F.R. 1.63(d))  
*(for continuation/divisional with Box 17 completed)*

**[NOTE Box 5 below]**10.  English Translation Document *(if applicable)*

i.  DELETION OF INVENTOR(S)  
 Signed statement attached deleting  
 inventor(s) named in the prior  
 application, see 37 C.F.R. 1.63(d)(2)  
 and 1.33(b).

11.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations5.  Incorporation By Reference *(useable if Box 4b is checked)*  
 The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.12.  Preliminary Amendment13.  Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*14.  Small Entity  Statement filed in prior application, status still proper and desired15.  Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*16.  Nonpublication Request *(check parent application)*17.  Other: \_\_\_\_\_18. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information: Continuation  Divisional  Continuation-in-part (CIP) of prior application No.:

Prior application information: Examiner:

Group Art Unit:

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Date

19 January 2001

Submitted by  
Typed or Printed Name

Raymond I. Bruttmessos, Jr.

Reg. Number

33,840